PONOMARONKO P. A.

*Prevention of occupational myopia in weavers employed in the Orekhovo-Zuev Weaving Mill (Russian text) VESTN. OFTMAM. 1993, 32/1 (h2-h5) Tables 1 Illus. 1

The author refracted 508 weavers who were continually putting the threads through a small hole in the loom at a very fast tempo. He found 30% of myopes in this group, the degree of myopia increasing in proportion to the length of time of work. In the other groups of workers who did not strain their eyes as much as the above mentioned group, myopia was observed only in 9%. This indicates that the chief cause of the myopia is eye strain. The suggestions made by the author for preventing myopia are as follows: (1) careful selection of workers with good visual aculty for close work, (2) radical improvement of illumination of the factories, with the introduction of daylight bulbs. (3) installation of comfortable, moveable or sliding seats, (1) frequent refraction and prescription of proper glasses, (5) further observation of the effectiveness of these measures.

Sitchevska-New Tork (XII, 1)

SO: Excerpta Medica Section IV Vol 7 No. 9

PONOMARENKO, Panteleymon Kondratyevich, 1902-

Rankov, V. A., Electric locomotives. 4. perer. izd. Moskva, Gos. transp. zhel-dor. izd-vo, 1952. 723 p. (53-27636)

TF975.R3 1952

PONOMARENKO, P.K.; YASNOV, M.A.; NESMEYANOV, A.N.; VORONKOV, A.V.; PETHOVSKIY,

Opening the new buildings of the Moscow State University. Vest. Mosk.un.8 no.9:5-15 S '53. (MLRA 6:11) (Moscow University-Buildings)

Ponomerenko, P. K.

7747 V Bor'be za osushchestvleniye vsenarodnoy madachi po uvelicheniyu proizvodstva terna. (Kazakh. SSR). Alma-ata, hazgosizdat, 1954. 16s. 20sm. 5,000 ekz. 15k.-Per Stat'i iz gaz "Fravda" ot 27 okt 1954 g. Ha uygur. yaz - (55-3828) 338.1:633.1 + 631.61 (584.6)

SO. Krizhnaya Letopis', Vol. 7, 1955

PONOMARENXO, Panteleymon Kondratlyevich; RAKOV, Vitaliy Aleksandrovich;
SHILOVSKIY, V.A., redaktor; YUDZON, D.M., tekhnicheskiy redaktor

[Electric locomotives] Elektroves. Izd. 5-oe, perer. Moskva, Gos.
transp.shel-dor. izd-vo, 1956. 627 p.

(Electric locomotives)

(Electric locomotives)

PONOMARENKO, P.N.

Data obtained from field studies of the climate in the various regions of Kirghizistan. Izv. AN Kir. SSR. Ser. est. i tekh. nauk 4 no.4:27-37 (MIRA 16:4)

(Kirghizistan—Climate)

PONOMARENKO, P.N.

Some data on solar radiation in the glacier region; upper section of the Chong-Kyzylsu Basin on the northern slope of the Terskei Ala-Tau. Mat. gliats. issl. no.2:121-142 '60. (MIRA 14:11) (Chong-Kyzylsu Valley--Solar radiation)

PONOMARENKO, P.V.

Research of many years done by senior students on the summer planting of potatoes. Folitekh.obuch. no.6:28-30 Js 159.

(MIRA 12:12)

1. Bobrinetskaya srednyaya shkola No.1 Kirovogradskoy oblasti USSR.
(Agriculture--Study and teaching)

(Potatnes)

PONOMARENKO, P.V., agronom, prepodavatel' (Kirovogradskaya oblast', Ukrainskaya SSR); MASYURA, P.D., agronom (Kirovogradskaya oblast', Ukrainskaya SSR)

Planting potatoes in summer in Kirovograd Province. Agrebiologiia no.3:448-450 Ny-Je *59. (MIRA 12:9)

1. Bobrinetskaya sel'skokhozyaystvennaya shkola No.1 (for Ponomarenko). 2. Kolkhoz imeni Kominterna (for Masyura).

(Kirovograd Province--Potatoes)

USSR/Cultivated Plants - Potatoes, Vegetables, Melons.

M-3

PUNCHALORXO

Abs Jour : Ref Zhur - Biol., No 3, 1958, 10800

Author

: Ponomarenko, P.V.

Inst

Title

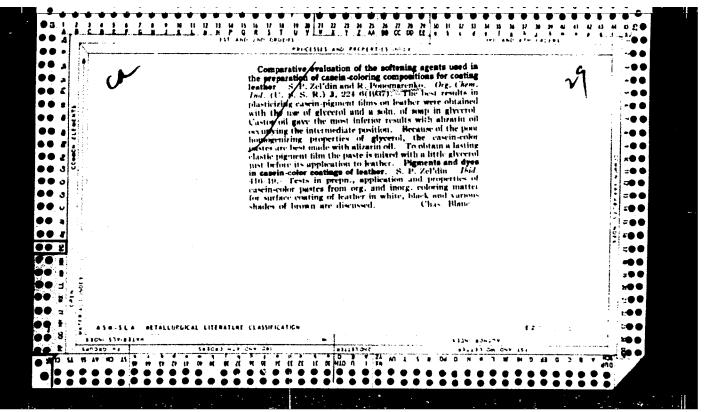
: The Best Dates for Summer Potato Sowing.

Orig Pub : Kolgospnik Ukraini, 1957, No 6, 35-36

Abstract : No abstract.

Card 1/1

12



TYURIN, S.T.; PONOMARENKO, R.A.

Results of the determining of the activity of polyphenolase in dry wine materials prepared without the access of air.

Trudy VNIIViV "Magarach" 13:60-67 '64. (MIRA 17:12)

PONOMARENKO, R.M.

Studying osmosis and diffusion in cucumber preserves. Kons. i ov.prom. 18 no.9:5-7 S '63. (MIRA 16:9)

1. Krasnodarskiy nauchno-issledovatel'skiy institut pishchevoy promyshlennosti.

(Cucumbers—Analysis and chemistry)

SOV/137-57-6-10504

Translation from: Referativnyy zhurnal, Metallurgiya, 1957, Nr 6, p 157 (USSR)

AUTHORS: Kotlyar, I.Kh., Ponomarenko, R.M.

TITLE: Selection of Grades of Stainless Steels for the Manufacture of

Tomato-canning Equipment (Vybor marok nerzhaveyushchikh staley, prigodnykh dlya izgotovleniya oborudovaniya tomatnogo proizvodstva)

PERIODICAL: Tr. Vses. n.-i. in-t konserv. i ovoshchesushil'n. prom-sti, 1956,

Nr 6, pp 61-67

ABSTRACT: The corrosion resistance (CR) of grades EYal-T, Yal-T, and Zh-1 stainless steels in various tomato media was investigated as

well as the effect of the contact of stainless steel and copper on the CR of steel. A part of the specimens was tested with a welding seam of the same grade steel. CR was determined by the loss in weight. The steels investigated are fairly resistant to tomato products of various concentrations. The welding seams possess the same CR as the parent metal. CR of steel in sulfite-treated tomato pulp containing 0.2% H₂SO₃ proved inadequate, and therefore the

grades investigated cannot be recommended for use in equipment

Card 1/1 for processing sulfite-treated products.

N.K.

PONOMARENKO, R.M.

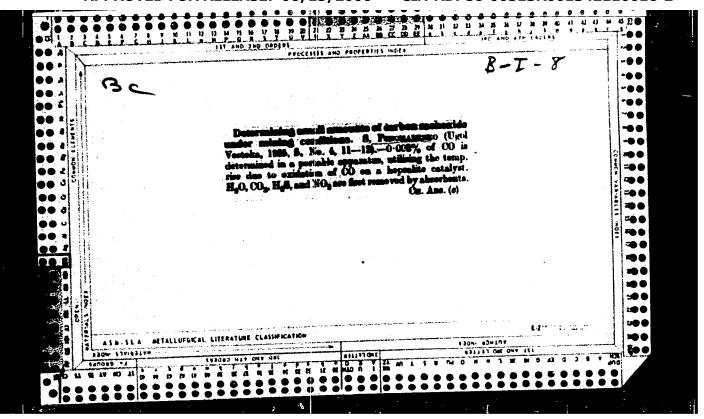
Rapid method for determining the amount of copper salts in canned foods. Kons. i ov. prom. 13 no.4:43-45 Ap '58. (MIRA 11:4)

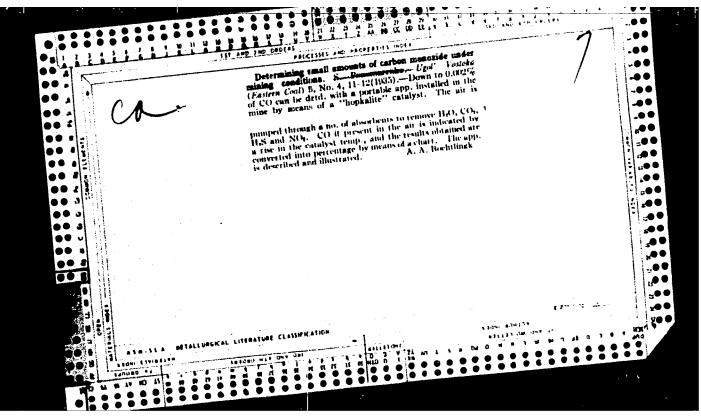
1. Krasnodarskiy nauchno-issledovatel'skiy institut konservnoy promyshlennosti.
(Food--Analysis) (Copper salts--Analysis)

PONOMAREV, S.

Measures contemplated by the State Training and Pedagogical Literature Publishing House for the provision of schools with textbooks and books of problems in mathematics. Mat. v shkole no.6:84 N-D '59. (NIRA 13:3)

(Mathematics---Textbooks)





FLEYSHMAN, S.M.; TSELIKOV, F.I.; KRUTIKOV, V.I., inzh., red. [decedsed];

PONOMARENKO, S.A., red.; BOBROVA, Ye.N., tekhn.red.

[Rock cuts with catch trenches along tracks] Skal'nye vyemki s

putevymi ulavlivaiushchimi transheiami. Moskva, Izd-vo "Transport,"

1963. 73 p. (Babushkin. Vsesoiuznyi nauchno-issledovatel'skii

institut transportnogo stroitel'stva. Trudy no.52). (MIRA 17:3)

GORN, Aleksandr Grigor yevich, inzh.; LISKOVETS, Simon Abremovich, inzh.; CHERNYAK, Solomon Natanovich, inzh.; SHAPIRO, Iosif Abramovich, inzh.; PCHOMARENKO, S.A., red.; BOBROVA, Ye.B., tekhn.red.

[Experience in the demonstrative building of railroads] Opyt pokazatel'nogo stroitel'stva zheleznykh dorog. Moskva, Vses.izdatel'skopoligr.ob"edinenie M-va putei soobshcheniia, 1960. 143 p.

(MIRA 13:5)

(Railroads -- Construction)

THLYATNIKOVA, G.N.; PONOMARENKO, S.F.

Elimination of the sparseness of stand is an important contributing factor for increasing strawberry yield. Kons. i ov. prom. 14 no.7: 22-24 J1 '59. (MIRA 12:9)

1. Moskovskoye otdeleniye Vsesoyuznoge instituta rasteniyevodstva (for Telyatnikova). 2. Sovkhoz "Bogucharovo" Tul'skoy oblasti (for Ponomarenke). (Strawberries)

PONOMARENKO, S.F.

Periods during which strawberry plantations are cultivated.

Kons.i ov.prom. 16 no.3:32-33 Mr '61. (MIRA 14:3)

GLAZOVA, O.P.; PONOMARENKO, S.I.

Causes of errors in weather forecasts for Moscow in 1958-1959.

Trudy TSIP no.112:3-17 '61. (MIRA 14:5)

(Moscow—Weather forecasting)

ACC NRI AT6032984

SOURCE CODE: UR/2546/66/000/149/0039/0045

AUTHOR: Ponomaranko, S

ORG: none

TITIE: Refinements in the prediction of thunderstorms by the Lebedeva and Faust

SOURCE: Moscow. Tsentral'nyy institut prognozov. Trudy, no. 149, 1966. Rezul'taty ispytaniy razlichnykh sposobov kratkosrochnykh prognosov pogody (Results of analyses of various short-range weather forecasting methods), 39-45

TOPIC TAGS: synoptic meteorology, weather forecasting, storm

ABSTRACT: This study of the Lebedeva and Faust methods for weather forecasting was conducted to determine causes of errors in storm prediction and to devise refinements to improve forecasting accuracy. Examination of selected diagnostic material showed that data on temperature and dew point deficits at ground level and at higher altitudes was required in order to improve the accuracy of forecasts in anticyclones, especially by the Lebedeva method. Charts were constructed showing the probabilities of thunderstorms at the fronts and backs and warm sectors of cyclones and in anticyclones as functions of dew point deficits and temperature fluctuations or temperature differences in the various isobaric levels. According to these charts conditions for

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ACC NR: AT6032983

SOURCE CODE: UR/2546/66/000/149/0003/0038

AUTHOR: Ponomarenko, S. I.; Koshel'kova, G. A.; Mukhina, P. A.

CRG: none

TITIE: Results of examining different methods of forecasting thunderstorms

SOURCE: Moscow. Tsentral'nyy institut prognosov. Trudy, no. 149, 1966. Rezul'taty ispytaniy razlichnykh sposobov kratkesrochnykh prognosov pogody (Results of analyses of various short-range weather forecasting methods), 3-38

TOPIC TAGS: storm, synoptic meteorology, weather forecasting

ABSTRACT: The article summarizes and evaluates methods of forecasting thunderstorms proposed by Lebedeva, Slavin, Bailey, Whiting, Cox and Faust. Evaluation of their reliability and accuracy shows that all six methods are practical, but it is difficult to determine which method is better since they give different results under different conditions. If the forecast objective is to obtain accurate warnings of storm presences, the Whiting method is most successful since the proportion of storm occurrences when none were forecast is least. However, the overall correctness of the Whiting method is low. When the objective is reliable forecasting of the presence or absence of storms the Lebedeva and Faust methods are better. The occurrence of storms within a 100-150 km radius is forecast by all methods fairly successfully—81-83%.

Card 1/2

ACC NR: AT6032983

For a limited area (within 50 km of the station) the overall accuracy of the Faust and Lebedeva methods is highest—82-78%. As the distance is increased to 100-200 km the overall correctness of these methods drops sharply while that of the Slavin, Bailey and Whiting methods increases. Thunderstorms can be forecast more successfully in cyclones and on fronts, especially on cold fronts, than in anticyclones and backs and in warm sectors of cyclones. "Junior Research Associate N. E. Minakova took part in the work in addition to the authors of this article." Orig. art. has: 15 tables, 4 figures and 5 equations.

SUB CODE: 04/ SUBM DATE: none/ ORIG REF: 007/ OTH REF: 004

Card 2/2

PONOMARENKO, V.A.

PHASE I BOOK EXPLOITATION

80V/5606

- Petrov, Aleksandr Dmitriyevich, Vladimir Florovich Mironov, Vasiliy Andreyevich Ponomarenko, and Yevgeniy Andreyevich Chernyshev
- Sintez kremmiyorganicheskikh monomerov (Synthesis of Organosilicon Monomers)
 Moscow, Izd-vo AN SSSR, 1961. 550 p. Errata slip inserted. 4,500 copies
 printed.
- Sponsoring Agency: Akademiya nauk SSSR. Institut organicheskoy khimii im. N. D. Zelinskogo.
- Resp. Ed.: A. V. Topchiyev, Academician; Ed. of Publishing House: L. S. Povarov; Tech. Eds.: V. G. Laut and I. A. Streletskiy.
- PURPOSE: This book is intended for chemists and graduate students of chemistry and related fields and may be used as a handbook by engineers interested in the synthesis and properties of polymeric materials.
- COVERAGE: The book gives the results of the authors' research on the synthesis of monomeric organosilicon compounds and reviews data published through 1960

Card 1/13

Synthesis of Organosilicon Monomers

BOV / 5606

on methods of synthesis and properties of the more important and widely used organosilicon monomers. The Introduction and Chs. I, II, and IV were written by A. D. Petrov; Ch. III and Part III by Ye. A. Chernyshev; Ch. V, jointly by Chernyshev and Mironov; Part II by V. F. Mironov; and Part IV by V. A. Ponomarenko. The Conclusion was written by Petrov, Mironov, and Chernyshev. The authors thank R. Kh. Freydlina, Corresponding Member, AS USSR, and N. G. Voronkov, Candidate of Chemical Sciences. There are 142 references: 92 Soviet, 44 English, 1 Italian, 2 French, and 3 German.

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AVAILABLE: Library of Congress (QD412.S6S5)	
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1. 003/12-67
AUTHOR: Bobreshov, Ye. N.; Darova, P. I.; Ponomarenko, V. A.; Sergoyev, I. V.
ORG: None
TITLE: A computer distribution loop system with binary colls
SOURCE: Mekhanizatsiya i avtomatizatsiya upravloniya, no. 4, 1966, 62
TOPIC TAGS: computer circuit, computer control system, circuit design, flip flep circuit, harmistonical circuit. ABSTRACT: A computer distribution system with a scaling factor twice higher than the number of cells is described with the help of a circuit diagram. It is mentioned that an application, No. 943983/26-24, for a patent covering this arrangement was presented by P. I. Darova. The system shown in a diagram consists of three flip-flop circuits having a scaling factor equal to 6. The system operates by using transistors for consecutive switching of pulses to the corresponding coincidence output units. The interconnecting operation of three flip-flop circuits are briefly explained. It is expected that the proposed system will find a wide application in designing various distributing, coding and decoding arrangements. Orig. art. has: 1 diagram.
SUB CODE: 09/ SUBM DATE: None/ ORIG REF: 003
Card 1/1/2.2. UDC: 621.374.3

Str no.	awberry yeild in 4:38-39 Ap 161.	one-year old	plantations.	Kons.1 ov.prom. (MIR/	14:3)
1.	Sovkhoz Begucha (Tula	rova" Tuliskoj Province-Stra	y oblasti. awberries)		
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1.Sovkhoz "Bogucharovo". (Berries)	Producing large berry harvests. Kons. 1 ov. prom. 12 no.11:39-41 N '57.
	1.Sovkhoz "Bogucharovo". (Berries)

AVERINA, L.I.; PONOMARENKO, S.F.

Growing high-quality strawberry planting stock. Kons. i ov. prom. 14 no.5:31-33 My 159. (MIRA 12:6)

1. Moskovskoye otdeleniye instituta rasteniyevodstva (for Averina). 2. Sovkhoz "Bogucharovo" Tul'skoy oblasti (for Ponomarenko). (Strawberries)

Synoptic and aerological conditions for the development of thunder- storms in the warm front. Trudy TSIP no.60:96-107 157.		
(Thunderstorms)	·	

ACC NRI AR6035074

SOURCE CODE: UR/0169/66/000/008/B061/B062

AUTHOR: Ponomarenko, S. I.; Koshel'kova, G. A.; Mukhina, P. A.

TITLE: Results of tests of various means of forecasting thunderstorms

SOURCE: Ref. zh. Geofizika, Abs. 8B431

REF SOURCE: Tr. Tsentr. in-ta prognozov, vyp. 149, 1966, 3-38

TOPIC TAGS: storm, cyclone, weather forecasting, weather station,

meteorology

ABSTRACT: The testing methods of forecasting thunderstorms by the Lebedeva, Slavin, Beyli, Whiting, Koks, and Faust techniques was made from June to August 1963 in the Central Forecasting Institute according to data from 18 stations in the European USSR. From 75 to 92 forecasts were developed for each station, and a total of 1334 to 1656 forecasts were developed by various methods. The basic elements of each method are presented. Tests have shown that according to criteria N (reliability) and Q (accuracy), all six methods are effective in practice. But according to these criteria it is difficult to decide which of the methods is

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UDC: 551. 509. 326

ACC NR: AR6035074

better, because in different cases they give different results. In the presence of a thunderstorm, the more successful method was found to be that of Whiting, and as a secondary choice—those of Lebedeva and Faust. But according to the Whiting method, thunderstorms are frequently forecast but are not observed, and the evaluation was found to be the lowest (23 percent), but forecasts made according to the methods of Lebedeva and Faust, had an evaluation of 32 and 40 percent, respectively. The total justification of thunderstorms and lack of it is also very low according to the method of Whiting (53 percent); it is of 80 to 82 percent according to the methods of Lebedeva and Faust. All methods, particularly those of Faust, Lebedeva, and Koks, forecast relatively successfully (81-83 percent) the presence of a thunderstorm in a radius of 100-150 km. In a small region (of the station), thunderstorm forecasting is an extremely difficult problem. Only three methods (those of Lebedeva, Faust, and Koks) were found to be better than inertial forecasts. The absence of a thunderstorm is forecast with relative reliability by all methods. A higher general justification in a small region (of the station, and within a 50-km radius), were forecasts calculated by the methods of Faust (82 percent), Lebedeva (80 percent), and Koks (78 percent). With an increase in the distance (in a 100-200-km radius), the general justification of forecasts by these methods decreases sharply, but increases for the methods of Slavin, Beyli, and Whiting. The general justification of the forecasts for a

Card 2/3

ACC NRI AR6035074

100-200-km radius by the methods of Slavin, Beyli, and Whiting still remains less successful than according to the methods of Lebedeva, Faust, and Koks in a radius of up to 50-km. Thunderstorms in cyclones and on fronts, especially on cold fronts, are forecast more successfully than in anticyclones, in the rear, and in the warm sector of the cyclone. Z. Makhover. [Translation of abstract]

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Card 3/3

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ACCESSION NR: APSOC 169

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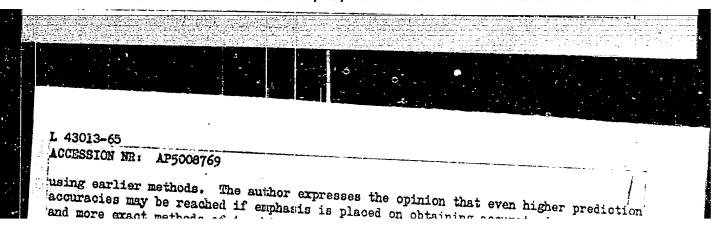
AUTHOR: Ponomaranko, S. I. (Candidate of geographical sciences)

TITLE: On thunderstorm predictions and the possibilities of their improvement

SOURCE: Meteorologiya i gidrologiya, no. 4, 1965, 22-24

TOPIC TAGS: weather forecasting, meteorology, atmosphere, storm

ABSTRACT: The work of various metecrologists in the prediction of severe storms in



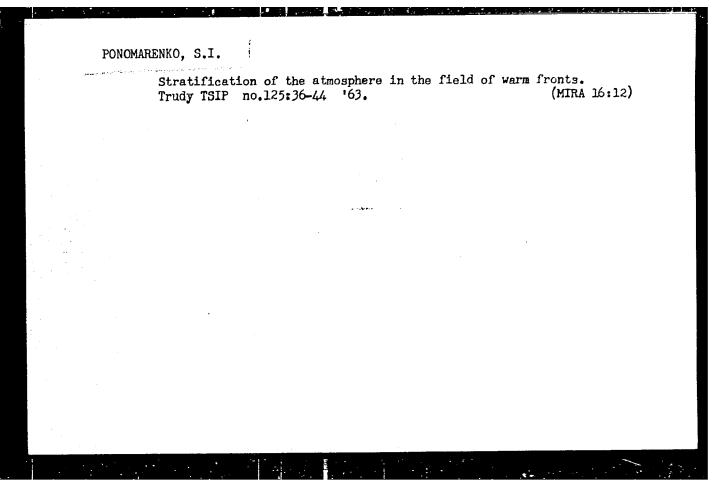
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PONOMARENKO, S.I., kand.geograf.nauk

Thunderstorm forecasts and possibilities of improving them.

Meteor. i gidrol. no.4:22-24 Ap 165. (MIRA 18:4)

1. TSentral nyy institut prognozov.



PONOMARIENKO, S.M.

Results of the work of the Khorol Intercollective Farm Fattening Station. Veterinaria 37 no.7:21-24 Jl '60. (MIRA 16:2)

1. Zaveduyushchiy Khorol'skoy mezhrayonnoy veterinarno-bakteriologicheskoy laboratoriyey.

(Khorol District—Feeding)

PONOMARENKO, S. S.

J. Kride

A penny saved is a penny earned. Mekh. sil'. hosp. 14 no.1: 9-10 Ja '63. (MIRA 16:4)

1. Upravlyayushchiy Katerinopol'skim rayonnym otdeleniyem "Sil'gosptekhniki", Cherkasskoy oblasti.

(Ukraine-Tractors-Maintenance and repair)

FONOMARENKO, V.

AUTHOR: Nesis, K. and Ponomarenko, V. (Murmansk) 4-58-4-8/19

TITLE: The Angler Fish (Ryba udil'shchik)

PERIODICAL: Znaniye - Sila, 1958, Nr 4, p 23 (USSR)

ABSTRACT: The authors describe how the Soviet trawler "Stalinabad",

when trawling at over 400 meters depth off Newfoundland, pulled in a lot of perch and one unusual fish about one-half meter long. It was sooty black with a vast mouth and had two thin threads or antennaes suspending little balls above it.

This was the rare angler-fish. There are 2 sketches.

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Card 1/1

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S/020/60/132/06/12/068 C111/C222

AUTHOR: Ponomarev, V.

TITLE: Normal Spaces as Images of a Zero-Dimensional One

PERIODICAL: Doklady Akademii nauk SSSR, 1960, Vol. 132, No. 6, pp. 1269-1272

TEXT: Principal theorem: Every normal space X with the weight $\overline{\iota}$ is an image of a zero-dimensional (in the sense of the small inductive dimensionality ind) set $D \subseteq D^{\overline{\iota}}$ for a certain continuous closed bicompact irreducible mapping.

D $^{m{\mathcal{T}}}$ denotes the "generalized Cantor discontinuum of the weight ${m{\mathcal{T}}}$ ".

Addition: Since $D \subseteq D^{\mathcal{T}}$, the weight of D is not greater than \mathcal{T} ; since X is normal, so is D .

There are 2 references: 1 Soviet and 1 American.

PRESENTED: March 29, 1960, by P.S. Aleksandrov, Academician

SUBMITTED: March 21, 1960

Card 1/1

VB

S/018/62/000/011/001/001 D047/D112

AUTHORS:

Sukhomlin, I., Guards Colonel, and Ponomarenko, V., Guards

Senior Engineer-Lieutenant

TITLE:

A new method of decontaminating tanks

PERIODICAL:

Voyennyy vestnik, no. 11, 1962, 109-110

TEXT: A device is described for the decontamination of tanks from radioactive matter. It was invented in the authors' subunit and has been successfully tested in field conditions. The device consists of an ordinary M3A-3 (MZA-3) fuelling unit provided with a sprayer. Fuel or a special decontaminating solution from an outer container is used as the decontaminating agent. About 30 liters of fluid are sufficient for decontaminating one tank in 15 minutes. The fluid is sprayed on the tank under a pressure of 0.7-1 atm. When using fuel from an outer fuel tank, the latter must be uncoupled and rolled up to the turret, since the hose of the MZA-3 is only 5500 mm long and cannot reach the front of the tank. There are 2 figures.

Card 1/1

PONOMARENKO, V.A., inzh.

Theory and practice of plotting turns with small radius curves.

Shor, DonUGI no.17:3-85 '58. (MIRA 12:5)

(Railroads--Curves and turnouts) (Mine railroads)

COUNTRY.

CATEGORY · forestry. Forest cultures.

ABS. JOUR. ' Ref "hur-Biologiy", No.1, 1959, No. 1483

ROHTUA

: Khristeva, L.A.; Ponomarenko, V.A.;

INST.

· Kharkov Univ. Tottyuba, Van.

Affect of Humic Fertilizers on the Growth of

K

Mine, too Uniof Afforestation Culture of

tre lower Unicper Sands.

USIG, FUE. 1 7 sb.: Swillnowing adobraniya. Them'kev

Khar kovak, un-t, 1957, 313-330 By experiments at the Golopristanskiy Los-

ARCTRACT

khoz(1953), it was established that humle fertilizers raise the vitality and droughtresistance of pine in the lower Dnieper sands. It is recommended that in nurseries humophos and vatering with a 0.00! % solution of socious humate be applied in combination with

supplementary mineral fertilizers. It is expedient to activate planting satsrial of

is different district by wetting the root system

CARD:

1/2

ABS. JOUR. 1: REF ZHUR - 2(CLOSIVA, NO.1, 1959), AUTHOR:
INST.:
THUE:

THE :

AUCTION :

Of sendlings in an 0.002 5 solution of socium humate and in a mixer of humaphos.

--- IL.V. Necmelov

CARD: 2/2

PONOMARENKO, V.A.; KRAVCHINSKIY, S.Yu.

Experiment in increasing the capacity of underground transportation in the Donets Basin mines. Ugol' 35 no.6:34-36 Je 60.

(MIRA 13:7)

1. Donetskiy ugol'nyy institut.
(Donets Basin-Mine haulage)

PONOMARENKO, V.A. (Voronezh)

Effective mass improvement of health conditions. Sov.zdrav. 21 no.7:42-43 '62. (MIRA 15:8)

1. Iz Voronezhskoy oblastnoy klinicheskoy bol'nitsy (glavnyy vrach - prof. V.P.Radushkevich).

(VORONEZH PROVINCE-EXERCISE)

PONOMARINKO, V.A.; ASTAKHOV, A.V., red.izd-va; OVSEYENKO, V.G., tekhn. red.; MINSKER, L.I., tekhn. red.

[Potentials of the traffic capacity of underground transportation] Rezervy propusknoi sposobnosti podzemnogo transporta. Moskva, Gosgortekhizdat, 1962. 266 p. (MIRA 16:4) (Mine haulage)

PONOMARENKO, V. A., Candidate of Tech Sci (diss) -- "Some problems in the theory and practice of building passages with small-radius curves". Stalino-Dnepropetrovsk, 1959. 22 pp (Min Higher Educ Ukr SSR, Dnepropetrovsk Order of Labor Red Banner Mining Inst im Artem), 150 copies (KL, No 21, 1959, 116)

PONOMARENKO, V.A., kand. tekhn. nauk

Studying the reinforcement of a rope in the coupling by means of pouring an allow on its ends. Vop. rud. transp. no.5: 380-389 %16. (MIRA 16:7)

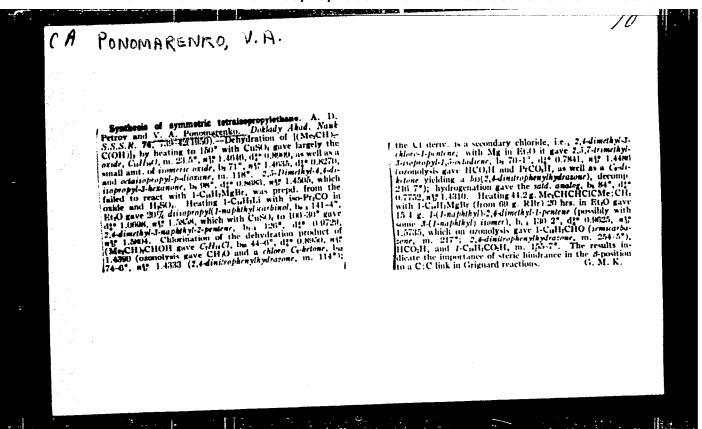
 Donetskiy nauchno-issledovatel'skiy ugol'nyy institut. (Wire rope)

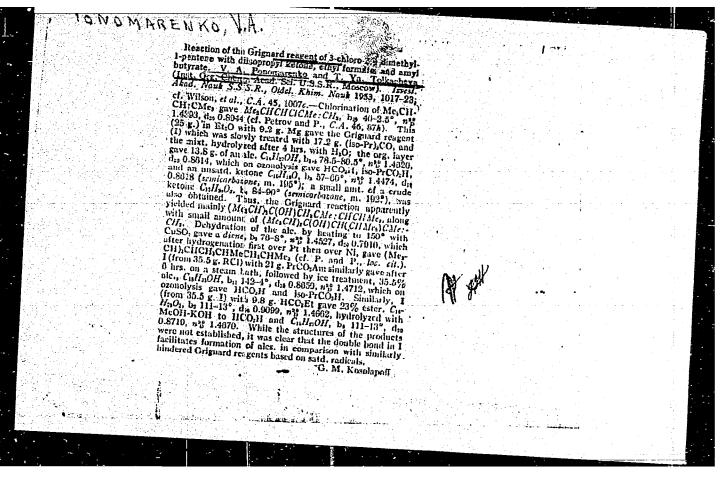
÷.

FONGMARENEC, V. A.

"Synthesis and Properties of Certain Hydrocartons of the C12 - C18 Compositions."
Thesis for degree of Cand. Chemical Sci.
Sub 15 Dec 50, Moscow Order of Lenin
Chemicotechnological Inst imeni D. I. Mendeleyev

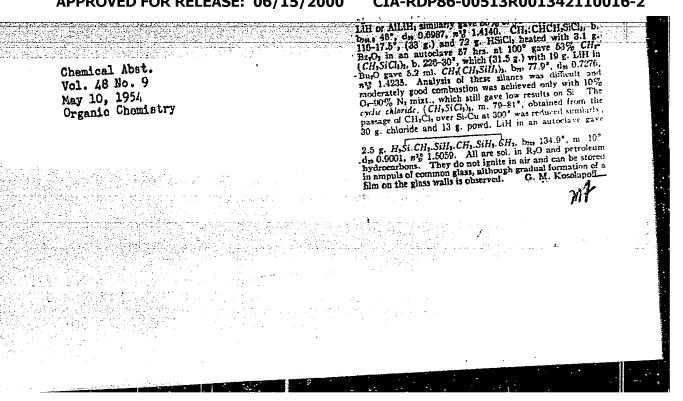
Summary 71. 4 Sep 52, <u>Dissertations Fresented for Degrees in Science and Engineering in Moscow in 1950.</u> From Vechernyaya Moskva, Jan-Dec 1950.





"APPROVED FOR RELEASE: 06/15/2000

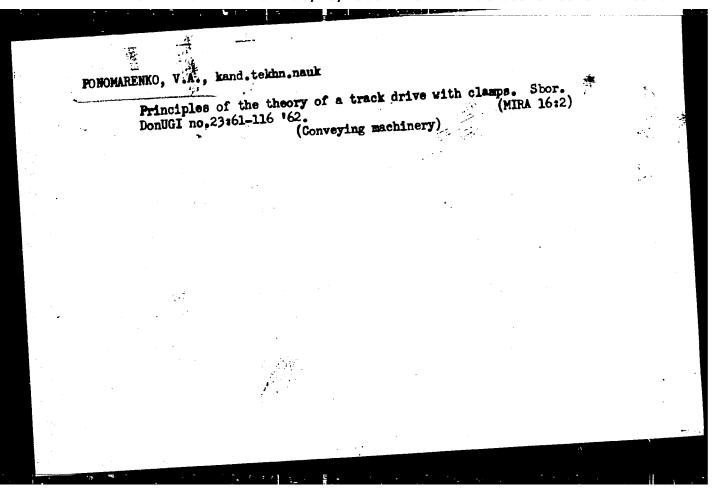
CIA-RDP86-00513R001342110016-2



CIA-RDP86-00513R001342110016-2" APPROVED FOR RELEASE: 06/15/2000

PONOMARENKO, V.A., kand.tekhn.nsuk

Natural winding rate of ropes on the drums of hoists and winches. Sbor.DonUGI no.23:170-175 '62. (MIRA 16:2) (Mine hoisting)



PONOMARENKO V.A.

USSR/Chemistry

Synthesis

Card

1/1

Authors

Ponomarenko, V. A., and Mironov, V. F.

Title

Synthesis of certain alkenyl- and alkyl silanes and their derivatives

Periodical

Izv. AN SSSR, Otd. Khim. Nauk., 3., 497 - 503, May - June 1954

Abstract

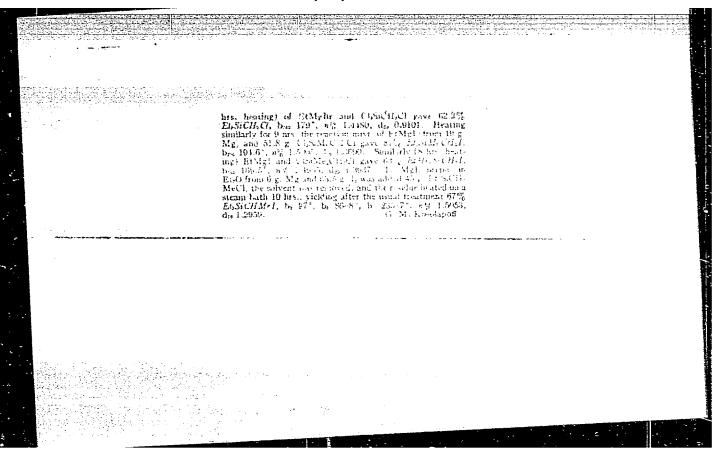
Experimental data are presented on the synthesis of alkenyl- and alkyl silanes and their derivatives (alkenylhalogen silanes, alkylethoxy-silanes, alkylhalide silanes). The ability of diallylsilane to rhodanize with a yield close to the calculated, and the ability of allyl silane to attract HCl, are explained. Data are also presented characterizing the relation between the solidification point of silanes and their structure and it was shown that the refraction magniture of the Si-C bond is determined by the radical which includes the carbon bound with the silicon. Mighteen references: 12 USA and ú USSR. Tables.

Institution

Acad. of Sc. UESR, The H. D. Zelinskiy Institute of Org. Chemistry

Submitted

July 17, 1953



ONOMARENTO

USSR/Chemistry

Synthesis

Card

1/1

Authors

Petrov, A. D., Ponomarenko, V. A., and Voykov, V. I. Synthesis and properties of alpha- and gamma-methylallyl silanes

Title

Periodical

Izv. AN SSSR, Otd. Khim. Nauk., 3, 504 - 510, May - June 1954

Abstract

The synthesis of alpha- and gamma-methylallyl silanes in accordance with the Grignard-Wuertz reactions and by the utilization of crotyl halides, which calls for the study of the allyl regrouping of the halides, is described. The ability of these new type alkenyl silanes (with H-atom in the silicon) to rhodanize in the case of diluted solutions was determined by their chemical properties. The physical properties of these unsaturated hydrocarbon silicates compared with the properties of homologous olefins, are given in a table. Eight references: 5 USSR, 3 USA. Table, graphs.

Institution :

Acad. of Sc. USSR, The N. D. Zelinskiy Institute of Org. Chemistry

Submitted

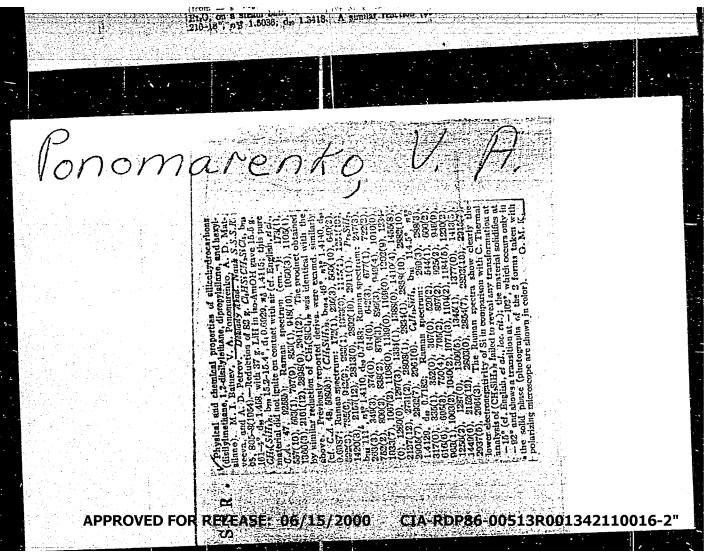
July 17, 1953

CIA-RDP86-00513R001342110016-2" APPROVED FOR RELEASE: 06/15/2000

DSSR

V Now method of synthesis of a-indealtytrialtyisalanes.

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PONOMARENKO, V. A.

USSR/Chemistry - Chlorination - Alkylation

Pub. 22 - 30/46 card 1/1

Petrov, A. D., Mem. Corresp. of Acad. of Sc. USSR; Mironov, V. F; Ponomarenko, V. A; and Chernyshev, E. A. Authors

Chlorination of alkylsilane and disilane chlorides and alkylation of

Title

aromatic hydrocarbons by forming halides

Dok. AN SSSR 97/4, 687-690, Aug 1, 1954 Periodical

The chlorination of C2H5SiCl3, Cl3SiCH2SiCl3 and Cl3SiCH2CH2SiCl3 Abstract

and the process of alkylation of aromatic hydrocarbons by the halides formed during this process, are explained on the basis of literature data. It was established that C2H5SiCl3 chlorinates into alphaand beta-chloroethyl-trichlorosilanes and Cl3SiCH2SiCl3, as well as 602012 chlorinate into dichloride. Twelve references: 8-USA; 3-USSR

and 1-English (1946-1954). Tables.

Institution

April 31, 1954 Submitted

PONOMARENKO, V. A.

USSR/Chemistry - Organic chemistry

Card 1/2

Pub. 22 - 20/47

Authors

Petrov, A. D. Memb., Corresp. of Acad of Sc. USSR.; Ponomarenko, V. A.; Mkhitaryan, L. L.; and Snegova, A. D.

Title

Synthesis and properties of monochloro derivatives of ethylsilane

chlorides.

Periodical

Dok. AN SSSR 100/6, 1107-1110, Feb 21, 1955

Abstract

The synthesis of numerous hitherto unknown compounds from monochloro derivatives of ethylsilane chlorides is reported. The high yield of monochloro derivatives observed during the chlorination of ethylsilane chlorides with chlorine indicates the photochemical chlorine chlorination is no less suitable than the chlorination with sulfuryl chloride.

Institution:

Academy of Sciences USSR, The N. D. Zelinskiy Institute of Organ. Chem.

Submitted

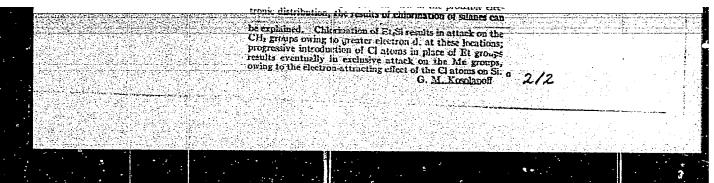
August 18, 1954

Periodical Dok. AN SSSR 100/6, 1107-1110, Feb 21, 1955

Card 2/2 Pub. 22 - 20/47

Abstract The formation of small amounts of alpha-chloroethyldichlorosilane with highly reactive Si-H bond was observed during the chlorination of ethyldichlorosilane (Cl₂HSiC₂H₅). Ten references: 3 USSR, 5 USA, 1 English and 1 German (1937-1954). Table; graphs.

EtCCh. 177(0): 12(6), 244(5), 271(5), 329(5), 343(5), 408(10), 530(10), (97(4), 778(4), 809.3, 031(2), 1056(4), 1090(1), 7112(1), 1271(2), 1430(4), 1453(4), 1457(6), 1522(0), 2744(1), 2842(2), 2888(3), 2043(10), 2901(3), 1523(0), 2700(0). The following assignments are made for hydrocarbons: in CII, the 2853 line is due to symmetric vibration and 2903 is due to antisymmetric vibration (degenerate in Me), while in the Me group 2879 is symmetric and 2007 is antisymmetric vibration. The intensity of the symmetric vibration are restricted in Me), while in the Me group 2879 is symmetric and 2007 is antisymmetric vibration. The intensity of the symmetric vibration of the CII, indicating greater protonization of the CH bond in the CII; indicating greater protonization of the CH bond in the CII; indicating greater protonization of the CH bond in the CII; group. Protonization means the approach or penetration of H anto the electron orbital of the bond. Among the silanes the following assignments are made: Me in Et.Si, 2879, 2940, 2955; CH; in Et.Si, 2908, 2988. These frequencies are compared to those in hydrocarbons le the light of lower electronentivity of Si in comparison in the Si atom, one the effect is restricted largely to the list CH; groups and has little effect on terminal Me groups. The introduction of CI raises the frequencies of vibration within Me and CH; groups. In view of the probable elec-



BATUYEV, M.I.; PETROV, A.D.; PONOMARKNKO, V.A.; MATVEYEVA, A.D.

Optical study of tetraethylsilane, ethylsilane chlorides, and regularities in the chlorination of these compounds. Isv. AN SSSR. Otd. khim.nauk no.9:1070-1078 S '56. (MLRA 9:11)

1. Institut goryuchikh iskopayemykh Akademii nauk SSSR. (Silane) (Chlorination)

PONCHARAMAN M.I.; PETROV, A.D.; FORDWAREERO, V.A.; MATVETEVA, A.D.

Optical study of the Si -- H bond and characteristics of
its chemical behavior in various compounds. Izv.AN SSSR.

Otd.khim.nauk no.10:1243-1248 0 *56. (MLRA 9:12)

1. Institut goryuchikh iskopayemykh Akademii nauk SSSR.

(Silicon organic compounds)

PONONIARENKO, V.A.

USSR/Physical Chemistry - Molecule, Chemical Bond.

B-4

Abs Jour

: Referat Zhur - Khimiya, No 1, 1958, 140

Author

: M.I. Batuyev, V.A. Ponomarenko, A.D. Matveyeva, A.D.

Snegova.

Inst

: Academy of Sciences of USSR

Title

: Cis-Trans-Isomerism of 1,2-Di-(Trichlorsily1) Ethylene.

Orig Pub

: Izv. AN SSSR, Ctd. khim. n., 1956, Noll, 1420-1421

Abstract

: Cis- and trans-isomers of 1.2-di--(trichlorsily1) ethylene (I) were detected by the spectrum of multiple scattering. The range width (43 cm⁻¹) between the determined frequencies of double links C C of the cis- and trans-isomers of I, umusual as compared with cis- and trans-isomers of other compounds, was noted.

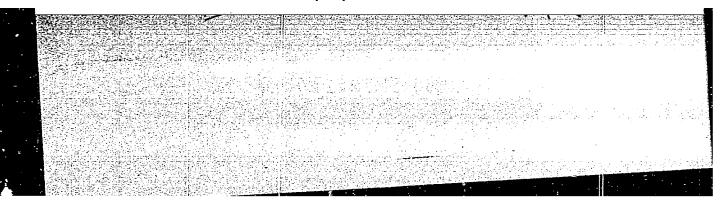
Card 1/1

Shot. Org. Chur. AS VISA

Optical study of factors which condition the reaction of Aclearage of organosilicon B halides M. I. Datum, A. D. Petro, V. A. Economaterilo, and A. D. Matvecchi.

Petro, V. A. Economaterilo, and A. D. Matvecchi.

Other of Rhim. 20, 2350-5(1950).—Examin. of Raman spectificated Rhim. 20, 2350-5(1950).—Examin. of Raman spectiment of the state of the state of the specific specific indicates in the cleavage of such such such as a specific specific specific and electrophic reagents in the specific and electrophic reagents in the specific and electrophic reagents.



Ponomarenko, V. A

USCR/Chemistry - Organic chemistry

Card 1/1

Pub. 22 - 20/43

Authors

Ponomarenko, V. A.; Sokolov, B. A.; Minachev, Kh. M.; and Petrov, A. D.

Memb. Corresp. of AN SSSR

Title

Addition of methyldichlorosilane and ethyldichlorosilane to allyl halides

Pariodical : Dok. AN SSSR 106/1, 76-79, Jan 1, 1956

Abstract

The possibility of adding to allyl halides (allyl chloride, metalyl chloride etc) compounds more complex than silico-chloroform (HSiCl3) - silane hydrides - such as methyldichlorosilane and ethyldichlorosilane in the presence of platinized carbon, was investigated. It was found that both silanes in the presence of platinized carbon containing 1% Pt at 160° attach themselves to the allyl- and metalyl chlorides forming homologous gamma-chloralkylalkyldichlorosilane. Other products formed as result of this addition reaction are described. Twenty-one references: 13 USA, 4 USSR, 3 Eng. and 1 French (1947-1955). Graphs.

Institution:

Acad. of Sc., USSR, Inst. of Organ. Chem. im. N. D. Zelinskiy

Submitted

July 29, 1955

PONONARENKO, V.A.; SNEGOVA, A.D.

Photochemical chlorination of ethylsilane fluorides. Orienting
effect of fluorosilyl groups. Zhur. ob. khim. 27 no.8:2067-2073
Ag 57.

1. Institut organicheskoy khimii Akademii nauk SSSR.

(Fluorine organic compounds)

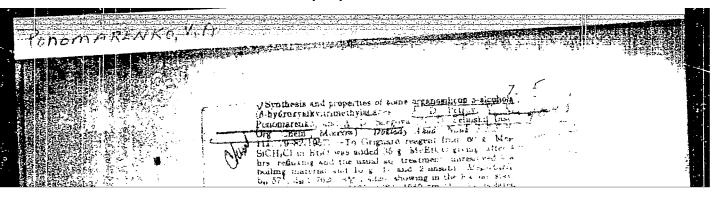
PETROV, A.D.; SADYRH-ZAIB, S.I.; PONOMARENKO, V.A.; SOKOLOV, B.A.;
YEGOROV, Yu.P.

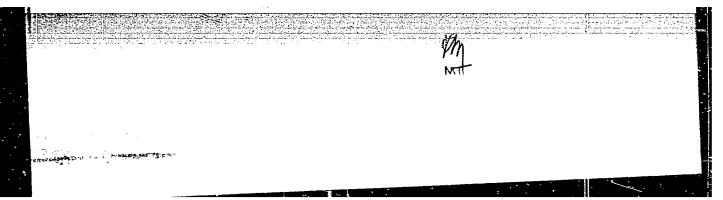
Reaction of some \(\) -chloralkylsilanechlorides with silicon under condition of forward synthesis. Zhur. ob. khim. 27 no.9:2479-2486

S '57.

1.Institut organicheskoy khimii AN SSSR.

(Silicon) (Chemistry, Organic--Synthesis)





A study of some metals of group VIII as catalysts in the reaction of addition of alkyldichlorosilands to unsaturated compounds A. D. Petro. Kh. M. Minachev. V. A. Ponomaranto, B. A. Sakolay, and G. Y. Osabashian S. D. Zelinskil Inst. Orx. Chem. Acad. Sci. 1885. R. Moscow). Dokiody Akod. Nauk. 5.5.5.R. 112, 273-5(1957), cf. C.A. 50, 13726c, U.S. 2.637.013 (C.A. 48, 27605).

PONOMARENKO, V. A.,

- "Synthesis of Several Fluorinated Organosilicon Compounds," paper submitted at the Symposium on Organic and Nonsilicate Silicon Chemistry on 12th-14th May 1958, Dresden.
- 1. The possibility will be discussed of preparing different types of fluorinated organosilicon compounds by the addition of hydrosilanes to fluorinated olefins and unsaturated fluorinated esters in the
- 2. It will be shown that by the use of fluoroethylenes (CF2=CF2, CF2=CFC1, CF2=CH2) in this manner, telemerization is induced.

 3. It has been determined that the velocity of the reaction as well as the yield of addition product depend not alone on the structure of the reacting hydrosilane but also on the type of catalyst and the experimental conditions.
- 4. It has been determined that the fluorosilyl and fluoromethyl groups exert similar crientating and stabilizing effects during chlorinations and dehydrochlorinations.

Abstract: B-3,108,944 (Encl.)

AUTHORS:	Ponomarenko, V. A., Yegorov, Yu. P., Vzenkova, G. Ya. 62-1-7/29 On the Production and the Properties of Some Alkylsilane-Deuterides (Polucheniye i svoystva nekotorykh alkilsilandeyteridov) (Polucheniye i SSSE Otdeleniye Khimicheskikh Nauk, 1958, Nr 1, pp. 54-58
PLRIODICAL:	(IISSR)
ABSTRACT:	Among the great number of the various silicon-organic compounds himself there obtained only some are to be found which contain in their commostion beside hydrogen also its isotopes (deuterium and tritium). Position beside hydrogen also its isotopes (deuterium and tritium). Among other it was of interest to investigate for the synthesis of the alkylsilane-deuterides the possibility of application of the deumenteride of lithium (LiD) as the latter has hitherto not been used for the synthesis of the silanedeuterides. This presupposes, however, and the synthesis of the method of synthesis. Table I shows the properties alteration of the method of synthesis. Table I shows the properties of the obtained deuterides. There let see that the substitution of the obtained deuterides. There let see that the substitution of hydrogen in silicon compounds by deuterium exercises almost no inmediate on the boiling temperature of these compounds. Practically fluence on the boiling temperature of these compounds. Practically fluence on the boiling temperature of these compounds. Practically fluence on the boiling temperature of these compounds. Practically fluence on the boiling temperature of these compounds. Practically fluence on the boiling temperature of these compounds almost the great state of the specific weight also the refraction index remains constant. Only the specific weight also the refraction sind that the quantity of the is considerably increased. It is assumed that the quantity of the binding refraction Sind (according to thus is very similar to the binding refraction Sind (according to thus is very similar to the binding refraction Sind (according to thus is very similar to the binding refraction Sind (according to the warrick 3,20 ml/molecules (reference 19). Data referring to the examples of the similar to the binding refraction Sind (according to the warrick 3,20 ml/molecules (reference 19). Data referring to the examples of the sind of the synthesis.
Card 1/2	Hall Ton 21

On the Production and the Properties of Some Alkylsilane Deuterides 62-1-9/29

perimental conditions are shown in table 2. The reduction of the alkylsilanechlorides to the corresponding deuterides occurs under already earlier described conditions. Summary: 5 new alkylsilanedeu terides were obtained and their physical properties investigated. It was found that the frequency of the valence oscillations of Si-D extend to the range of from 1530 - 1570 cm⁻¹ and that it decreases correspondingly to the reduction of the atomic number of D in Si. There are 2 tables, and 24 references, 2 of which are Slavic.

ASSOCIATION: Institute of Organic Chemistry imeni N. D. Zelinskiy of the AS USSR (Institut organicheskoy khimii imeni N. D. Zelinskogo Akademii nauk

SSSR)

SUBMITTED: July 20, 1956.

AVAILABLE: Library of Congress

 Alkylsilane-Deuterides-Synthesis
 Alkylsilane-Deuterides-Properties

Card 2/2

AUTHORS:

Ponomarenko, V. A., Cherkayev, V. G.,

62-2-26/28

Petrov, A. D., Zidorozhnyy, N. A.,

TITLE:

H2 PtCl6 as Catalyst in the Addition Compound Reaction of Silane Hydrides With Unsaturated Compounds (Platinokhloristovodorodnaya kislota kak katalizator v reaktsii prisoyedineniya

gidridsilanov k nepredel'nym soyedineniyam)

PERIODICAL:

Izvestiya AN SSSR Otdeleriye Khimicheskikh Nauk, 1958, Nr 2,

pp. 247-248 (USSR)

ABSTRACT:

In earlier reports (references 1-4) the authorsplready dealt with the problems of the selection of catalysts for the addition compound reaction of silane hydrides with olefines as well as with the investigation of the reaction itself. A paper (reference 5) already touches upon these problems and some of the conclusions are in agreement with those obtained by the authors in this work. One of the most important observations in the above-mentioned paper consists of the disconvery of the increased catalytic activity of the investigated reaction of H2PtCl6 in comparison with other catalysts of a metal basis (eighthgroup). In the present paper the authors describe the performed addi-

Card 1/2

H₂PtCl₆ as Catalyst in the Addition Compound Reaction of Si- 62-2-26/28 lane Hydrides With Unsaturated Compounds

tion $\text{CH}_2\text{SiHCl}_2$ with ethylene, propylene and acetylene in the presence of chloroplatinic acid (at room temperature) and that with $\text{CH}_2\text{=CF}_2$ and $\text{CF}_2\text{=CF}_2$ at 160°C . It was further found that in comparison with platinum on the carriers the chloroplatinic acid (in the case of $\text{CH}_2\text{=CF}_2$) increases the yield of the products of the addition by the 3-4 fold amount. In the case of $\text{CH}_2\text{=CH}_2$, $\text{CH}_2\text{=CH}_2\text{-CH}_3$ and $\text{CH}_2\text{-CH}$ an almost quantitative yield is obtained. There are 2 tables, and 7 references, 6 of which are Slavic.

ASSOCIATION:

Institute for Organic Chemistry imeni N.D. Zelinskiy AN USSR (Institut organicheskoy khimii im. N.D. Zelinskogo Akademii nauk SSSR)

SUBMITTED:

October 12, 1957

AVAILABLE:

Library of Congress

1. Silane hydrides-Chemical reactions 2. Olefines-Chemical reactions 3. Chloroplatinic acid catalyst-Applications

Card 2/2